

Date of Deposit 9/26/03

Client Reference No. SN US02084

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Eiichi Komai
Serial No. To Be Assigned
Filing Date: Herewith
For: Miniature Non-Reciprocal Circuit
Element With Little Variation In Input
Impedance And Communication
Apparatus

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicant hereby submits references A1-A3 listed on the attached form PTO-1449 for consideration by the Examiner. A copy of the references are enclosed herewith.

Japanese Unexamined Patent Application Publication Nos. 6-196907 and 2001-284910 disclose a structure of general non-reciprocal circuit element.

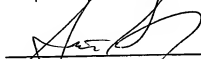
Japanese Unexamined Patent Application Publication No. 2001-237614 discloses a structure of small-sized non-reciprocal circuit element which reduces dispersion of input impedance.

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicant reserves the right to contest this reference as prior art against the present application, and Applicant does not believe that the disclosure of this reference, even if finally determined to be prior art, anticipates Applicant's invention or that this reference makes Applicant's invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicant respectfully requests that the Examiner review the entire disclosure of this document and make it of record.

Respectfully submitted,



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| FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary) | SERIAL NO. | CASE NO. |
| | To be Assigned | 9281-4686 |
| | FILING DATE | GROUP ART UNIT |
| | Herewith. | |
| | APPLICANT(S): Eiichi Komai | |

[illegible]

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES | NO |
|---------------------|----|--------------------|---------|---------|--------------------|--------------------|----|
| | A1 | 06-196907 | 07/1994 | Japan | | X | |
| | A2 | 2001-284910 | 10/2001 | Japan | | X | |
| | A3 | 2001-237614 | 08/2001 | Japan | | X | |
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| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.